Dina Mistry

NETWORK SCIENTIST INFECTIOUS DISEASE MODELER COMPLEX SYSTEMS RESEARCHER

Summary_

Computational researcher with an interdisciplinary background in network science, infectious disease epidemiology, and physics. 8 years of experience modeling complex systems, contagion phenomena, and data driven models of diverse human contact networks. My interests lie in developing frameworks and tools for data driven research in public health to deliver real world impact and centered on equity and open science practices.

Education ___

Northeastern University

Boston, MA

Ph.D. IN Physics 01/2014 - 01/2019

Dissertation: The Heterogeneous Nature of Contagion Processes in Complex Networks

Advisor: Dr. Alessandro Vespignani, Network Science Institute Director and Sternberg Family Distinguished Professor

Northeastern University Boston, MA

M.Sc. IN Physics 09/2012 - 01/2014

University of TorontoToronto, CanadaHon. B.Sc. IN Physics & Astronomy, Minor In Mathematics with High Distinction09/2007 - 05/2012

Undergraduate Thesis: The Axisymmetric Geometry of Saturn's Magnetic Fields

Advisor: Dr. Sabine Stanley, Bloomberg Distinguished Professor

Experience _____

Twitter1355 Market Street, Suite
900 San Francisco, CA 94103

DATA SCIENTIST II

CONTENT DATA SCIENCE 06/01/2021 - PRESENT

- Lead data scientist working on Identities & Profiles
- · Collaborating in cross functional teams with Product Strategy, Engineering, Trust & Safety, and Data Science
- · Delivering data-driven insights to shape user facing platform changes with network science and causal inference research
- Building data quality frameworks, data pipelines, and analytical models using Python and the Google Cloud Platform
- Designing dashboards in Data Studio for reporting and tracking of KPIs
- · Creating strategies in cross functional teams to improve transparency and help Twitter users understand who they see online
- Designing large scale online experiments to elevate credible information on breaking news from experts and trusted sources on Twitter
- Developed an experimentation playbook to train cross functional partners in online experimentation, hypothesis testing, and statistical analysis

Institute for Disease Modeling, at the Bill & Melinda Gates Foundation (formerly part of Intellectual Ventures)

500 5th Avenue, Seattle, WA 98109; (3150 139th Avenue SE, Bellevue, WA 98005)

POSTDOCTORAL RESEARCH SCIENTIST

NETWORK EPIDEMIOLOGY AND BEHAVIOR

07/13/2020 - 05/31/2021 (02/04/2019-07/13/2020)

- · Collaborating to model strategies and tradeoffs for school reopening in Washington state and global settings during the COVID-19 pandemic
- Presenting analysis and modeling methodologies developed as part of the COVID-19 research team at online international conferences
- · Engaging with public health partners and stakeholders to design population and network model development
- Lead the research, design, and development of an open-source Python library, SynthPops, to generate diverse data-driven human contact networks for public health research
- Co-authored academic publications and executive reports on COVID-19 transmission dynamics and evaluation of mitigation strategies
- · Modeling the role of social trust and the long standing effects of memory of disease risk in acceptance of health (mis)information
- · Collaborating in cross functional teams to develop open source tools for public health research

Northeastern University

177 Huntington Avenue,
Boston, MA, 02115

GRADUATE RESEARCHER, MOBS LAB, NETWORK SCIENCE INSTITUTE

SYNTHETIC CONTACT NETWORKS

10/15/2015 - 01/23/2019

- Developed adaptive algorithms to generate synthetic human contact networks using public data sources for diverse populations
- Modeling infectious disease spreading in data-driven synthetic contact networks
- Implemented Markov chain Monte Carlo (MCMC) and other computational methods to infer epidemiological parameters and validate with serological data
- Built and maintained a database of age mixing contact matrices for 300+ global locations
- Supervised junior graduate students

H1N1 PANDEMIC SCENARIO ANALYSIS

01/04/2015 - 01/23/2019

- · Characterized the predictability of global epidemic spreading patterns across multiple pandemic scenarios from in-silico micro-simulations
- Visualization of stochastic micro-simulations of different pandemic scenarios
- · Analyzed commercial airline mobility network data using statistical mechanics, network science, and information theoretic measures

SPREADING OF ZIKA VIRUS IN THE AMERICAS (WWW.ZIKA-MODEL.ORG)

01/03/2016 - 05/28/201

- Developed a stochastic data-driven vector-borne model of the 2016 Zika outbreak in real-time; collaborating with international research groups
- Aided in the streamlined analysis pipeline of simulation forecasts for time sensitive reports
- Collected, processed, and analyzed daily epidemiological case report data from 40 Pan-American countries for model calibration

COMMITTED ACTIVISTS AND THE RESHAPING OF STATUS-QUO SOCIAL CONSENSUS

05/01/2013 - 10/22/2015

- · Developed agent based models of negotiation on conventions and opinion adoption in temporal social networks
- Explored campaign strategies to reduce the time and critical mass needed to drive populations towards consensus, as well as the hindering effects of community structures (echo chambers)
- Presented findings at the 2017 International School and Conference on Network Science

Publications_

* Indicates equal contribution

PEER REVIEWED

Modelling the impact of reopening schools in the UK in early 2021 in the presence of the alpha variant and with roll-out of vaccination against SARS-CoV-2

J.Panovska-Griffiths, R. M. Stuart, C. C. Kerr, K. Rosenfeld, **D. Mistry***, W. Waites, D. J. Klein, C. Bonell, R. M. Viner. 2022. *Accepted to J. Math. Anal.* https://www.medrxiv.org/content/10.1101/2020.09.02.20186742v1

Inferring high-resolution human mixing patterns for disease modeling.

D. Mistry, M. Litvinova, A. Pastore y Piontti, M. Chinazzi, L. Fumanelli, M. F. C. Gomes, S. A. Haque, Q. Liu, K. Mu, X. Xiong, M. E. Halloran, I. M. Longini, S. Merler, M. Ajelli, A. Vespignani. Nat. Commun. 12. 323. 2021. https://doi.org/10.1038/s41467-020-20544-y %

Controlling SARS-CoV-2 via test-trace-quarantine.

C. C. Kerr, **D. Mistry***, R. M. Stuart*, K. Rosenfeld, G. R. Hart, P. Selvaraj, R. C. Núñez, J. A. Cohen, R. G. Abeysuriya, L. George, B. Hagedorn, M. Jastrzebski, M. Fagalde, J. Duchin, M. Famulare, and D. J. Klein. Nat. Commun. 12. 2993. 1-12. 2021. https://doi.org/10.1038/s41467-021-23276-9 %

Covasim: an agent-based model of COVID-19 dynamics and interventions.

C. C. Kerr, R. M. Stuart*, **D. Mistry***, R. G. Abeysuriya, G. R. Hart, K. Rosenfeld, P. Selvaraj, R. C. Núñez, B. Hagedorn, L. George, A. Izzo, A. Palmer, D. Delport, C. Bennette, B. Wagner, S. Chang, J. A Cohen, J. Panovska-Griffiths, M. Jastrzebski, A. P. Oron, E. Wenger, M. Famulare, D. J. Klein. PLoS Comput. Biol. 17. 7. 2021. https://doi.org/10.1371/journal.pcbi.1009149 %

Estimating and mitigating the risk of COVID-19 epidemic rebound associated with reopening of international borders in Vietnam: a modelling study

Q. D. Pham, R. M. Stuart, T. V. Nyugen, Q. C. Luong, D. Q. Tran, T. Q. Pham, L. T. Phan, T. Q. Dang, D. N. Tran, H. T. Do, **D. Mistry**, D. J. Klein, R. G. Abeysuriya, A. P. Oron, and C. C. Kerr. Lancet Glob Health. 9. 7. 916-924. 2021. https://doi.org/10.1016/S2214-109X(21)00103-0 %

Role of masks, testing and contact tracing in preventing COVID-19 resurgences: a case study from New South Wales, Australia

R. M. Stuart, R. G. Abeysuriya, C. C. Kerr, **D. Mistry**, D. J. Klein, R. T. Gray, M. Hellard, N. Scott. BMJ Open 11. 4. e045941. 2021. http://dx.doi.org/10.1136/bmjopen-2020-045941 **%**

Seeding COVID-19 across sub-Saharan Africa: an analysis of reported importation events across 40 countries.

L. A. Skrip, P. Selvaraj, B. Hagedorn, A. L. Ouédraogo, N. Noori, **D. Mistry**, J. Bedson, L. Hébert-Dufresne, S. V. Scarpino, B. M. Althouse. Am J Trop Med Hyg. 104. 5. 2021. https://doi.org/10.4269/ajtmh.20-1502 %

Modelling the potential impact of mask use in schools and society on COVID-19 control in the UK

J. Panovska-Griffiths, C. C. Kerr, W. Waites, R. M. Stuart, **D. Mistry**, D. Foster, D. J. Klein, R. M. Viner, C. Bonell. Sci. Rep. 11. 1. 2021. https://doi.org/10.1038/s41598-021-88075-0 %

Determining the optimal strategy for reopening schools, work and society in the UK: balancing earlier opening and the impact of test and trace strategies with the risk of occurrence of a secondary COVID-19 pandemic wave.

J. Panovska-Griffiths, C. C. Kerr, R. M. Stuart, D. Mistry, D. J. Klein, R. M. Viner, C. Bonell. Lancet Child Adolesc Health. 4. 11. 817-827. 2020. https://doi.org/10.1016/S2352-4642(20)30250-9 %

Modelling the impact of reducing control measures on the COVID-19 pandemic in a low transmission setting

N. Scott, A. Palmer, D. Delport, R. Abeysuriya, R. M. Stuart, C. C. Kerr, **D. Mistry**, D. J. Klein, R. Sacks-Davis, K. Heath, S. W. Hainsworth, A. Pedrana, M. Stoove, D. Wilson, M. E. Hellard. Med J Aust. Online 2020 https://doi.org/10.5694/mja2.50845 %

Spread of infectious disease and social awareness as parasitic contagions on clustered networks.

L. Hébert-Dufresne, D. Mistry, B. M. Althouse. Phys. Rev. Res. 2. 3. 2020. https://link.aps.org/doi/10.1103/PhysRevResearch.2.033306 %

Quantifying the risk of Zika virus local transmission in the continental US during the 2015-2016 ZIKV epidemic.

K. Sun, Q. Zhang, A. Pastore-Piontti, M. Chinazzi, **D. Mistry**, N. E. Dean, D. P. Rojas, S. Merler, P. Poletti, L. Rossi, M. E. Halloran, I. M. Longini, A. Vespignani. BioMed Central Medicine. 16. 1. 195. 2018. https://doi.org/10.1186/s12916-018-1185-5 %

Spreading of Zika virus in the Americas.

Q. Zhang, K.Sun, M. Chinazzi, A. Pastore-Piontti, N. E. Dean, D. P. Rojas, S. Merler, **D. Mistry**, P. Poletti, L. Rossi, M. Bray, M. E. Halloran, I. M. Longini, A. Vespignani. Proceedings of the National Academy of Sciences. 114. 22. E4334-E4343. 2017. https://doi.org/10.1073/pnas.1620161114 %

Committed activists and the reshaping of status-quo social consensus.

D. Mistry, O. Zhang, N. Perra, A. Baronchelli. Phys. Rev. E. 92. 042805. 2015. https://doi.org/10.1103/PhysRevE.92.042805 %

IN PREPARATION

SynthPops: A generative model of human contact networks.

D. Mistry, C. C. Kerr, M. Wu, M. Fisher, R. G. Abeysuriya, A. Thompson, L. A. Skrip, J. A. Cohen, B. M. Althouse, and D. J. Klein.

Reports & Preprints ___

Preventing a cluster from becoming a new wave in settings with zero community COVID-19 cases.

R. G. Abeysuriya, D. Delport, R. M. Stuart, R. Sacks-Davis, C. C. Kerr, **D. Mistry**, D. J. Klein, M. Hellard, and N. Scott. 2020. https://www.medrxiv.org/content/medrxiv/early/2020/12/22/2020.12.21.20248595.full.pdf %

Determining the optimal strategy for reopening schools, work and society in the UK: balancing earlier opening and the impact of test and trace strategies with the risk of occurrence of a secondary COVID-19 pandemic wave

J.Panovska-Griffiths, C. C. Kerr, R. M. Stuart, **D. Mistry***, D. J. Klein, R. M. Viner, C. Bonell. 2020. https://www.medrxiv.org/content/10.1101/2020.06.01.20100461v1 %

Stepping Back to School: A step-by-step look at COVID introduction, spread, and exportation

D. J. Klein., C. C. Kerr, **D. Mistry**, E. Wenger, J. A. Cohen. 2021. Report on Infohub %

Testing the waters: is it time to go back to school?

D. J. Klein., C. C. Kerr, **D. Mistry**, N. Thakker, J. A. Cohen. 2020. Report on Infohub %

Schools are not islands: Balancing COVID-19 risk and educational benefits using structural and temporal countermeasures

J. A. Cohen, **D. Mistry**, C. C. Kerr, and D. J. Klein. 2020. https://www.medrxiv.org/content/10.1101/2020.09.08.20190942v1 %

Maximizing education while minimizing covid risk: priorities and pitfalls for reopening schools

J. A. Cohen, **D. Mistry**, C. C. Kerr, D. J. Klein, M. Izzo, J. Schripsema. 2020. Report on Infohub **%**

Schools are not islands: we must mitigate community transmission to reopen schools.

J. A. Cohen, **D. Mistry**, C. C. Kerr, M. Famulare, D. J. Klein, M. Izzo, J. Schripsema. 2020. Report on Infohub %

Modeling countermeasures for a balanced reopening in King County, Washington.

K. Rosenfeld, C. C. Kerr, J. Cohen, R. Núñez, G. Hart, **D. Mistry**, P. Selvaraj, and D. J. Klein. 2020. Report on InfoHub %

COVID-19 trends in Oregon: Preparing for opening up

C. C. Kerr, K. Rosenfeld, B. Hagedorn, **D. Mistry**, and D. J. Klein. 2020. https://pamplinmedia.com/documents/artdocs/00003672290550-0825.pdf %

Working paper: Projected COVID-19 epidemic trends and health system needs for Oregon. C. C. Kerr, B. Hagedorn, D. Mistry, and D. J. Klein. 2020. Report on Infohub %

Presentations	
Invited Talks	
NSF PREPARE Workshop: Social, Behavioral, Economic and Governance	Virtual
NETWORKS ALL AROUND: SOCIAL CONTACT PATTERNS AND WHAT THEY CAN TELL US ABOUT COVID-19 CONTROL AND INTERVENTIONS	06/25/2021
University of Copenhagen Guest Lecturer in Mathematical Modeling in Epidemiology Graduate Course	Virtual 05/31/2021
Center for Statistics and Quantitative Infectious Diseases, Fred Hutch Cancer Research Center & University of Florida	Virtual
NETWORK EPIDEMIOLOGY & COVID-19	05/05/2021
University of Notre Dame Guest Speaker in Infectious Disease Epidemiology and Ecology Graduate Course	Virtual 03/05/2021
COVID Modeling Panel, National Institute of Statistical Sciences COVASIM: AN OPEN SOURCE AGENT-BASED MODEL OF COVID-19 TRANSMISSION AND CONTROL	Virtual 12/16/2020
Modelling the spread and impact of COVID-19, Graz Schumpeter Centre Covasim: An Open Source Agent-Based Model of COVID-19 Transmission and Control	Virtual 12/10/2020
Women in Network Science Seminar, University of Washington	Virtual
NETWORK EPIDEMIOLOGY AND COVID-19 RECORDING: https://youtu.be/d00J7t5akPU %	12/09/2020
Data and Methods Brown Bag, University of Washington SYNTHPOPS: SOCIAL CONTACT NETWORK MODELING FOR THE COVID-19 PANDEMIC	Virtual 11/18/2020
Institute for Pure and Applied Mathematics (IPAM) Panelist, Mathematical Models in Understanding COVID-19: Science Communication	Virtual 08/13/2020
Network Science for Social Good (NetSci 2019) DIVERSIFY NETSCI	Burlington, VT 05/27/2019
Data Science and Methods 573, University of Washington GUEST LECTURER ON NETWORK SCIENCE	Seattle, WA 02/28/2019
Humanyze Exploring the effects of complex networks on contagion phenomena	Palo Alto, CA 09/03/2018
Conference on Complex Systems The influence of cultural and societal diversity on epidemic spreading	Cancun, Mexico 09/19/2017
CONTRIBUTED TALKS	
Networks 2021	Virtual
The longstanding effects of disease awareness, memory, and social trust on infectious disease spreading in multigenerational networks	07/07/2021
Networks 2021 SYNTHPOPS: A GENERATIVE MODEL OF HUMAN CONTACT NETWORKS	Virtual 07/05/2021
International School and Conference on Network Science (NetSci 2020) DIVERSITY, EQUITY, & INCLUSION IN NETWORK SCIENCE AND SOCIETY	(Virtual) Rome, Italy 09/19/2020
International School and Conference on Network Science (NetSci 2019) Inferring high-resolution disease specific human mixing patterns	Burlington, VT 05/29/2019
3MinuteThesis, GWISE, Snell Library, Northeastern University Data-driven approaches to infectious disease modeling and the role of Human interaction networks	Boston, MA 10/16/2018

Internatio	onal Conference on Complex Networks	Boston, MA
A data-driv	/EN APPROACH TO INFER SOCIAL CONTACT NETWORKS IN THE CONTEXT OF INFECTIOUS DISEASE	03/05/2018
MODELING		, ,
	arch Panel, Snell Library, Northeastern University	Boston, MA
DATA-DRIVE	N APPROACHES TO STOCHASTIC INFECTIOUS DISEASE MODELING	02/28/2018
	onal School and Conference on Network Science (NetSci 2017) ACTIVISTS AND THE RESHAPING OF STATUS-QUO SOCIAL CONSENSUS	Indianapolis, IN 06/22/2017
Poster F	PRESENTATIONS	
Epidemics	5	Charleston, SC
THE LONGS NETWORKS	TANDING EFFECTS OF DISEASE AWARENESS AND SOCIAL MEMORY ON INFECTIOUS TRANSMISSION IN	12/04/2019
Research,	Innovation, and Scholarship Expo, Northeastern University	Boston, MA
USING DATA	-DRIVEN MODELS TO INFER SOCIAL CONTACT PATTERNS IN THE CONTEXT OF EPIDEMICS	04/07/2016
	sional Service & Leadership INCES, PANELS, INSTITUTES, AND WORKSHOPS Parallel Session Chair, Networks 2021	(Online)
2021	Poster Adjudicator, Networks 2021	(Online)
2020	Panel Moderator: Decolonizing Global Health, IDM Diversity, Equity, & Inclusion Committee	(Online) Seattle, WA
2020	Co-Organizer & Reviewer, NetSci 2020 Financial Support Committee	(Online) Rome, Italy
2020	Panel Moderator: Diversifying Network Science, 2nd Annual Diversify Netsci, NetSci 2020	(Online) Rome, Italy
2020	Co-Chair, 2nd Annual Diversify Netsci, NetSci 2020	(Online) Rome, Italy
2020	Parallel Session Chair, NetSci 2020	(Online) Rome, Italy
2020	Program Committee, NetSci 2020	(Online) Rome, Italy
2020	Program Committee, NetSci-X 2020 Winter Conference	Tokyo, Japan
2019	Co-Chair, Inaugural Diversify NetSci, NetSci 2019	Burlington, VT
2018	Program Committee, International Conference on Complex Networks	Boston, MA
2018	Art of Networks local organizer, International Conference on Complex Networks	Boston, MA
2018	Paper Unwind Co-Organizer: Society of Young Network Scientists (SYNS), International	Boston, MA
2010	Conference on Complex Networks	Doston, MA
Profess	IONAL SOCIETIES	
2019-2021	Chair, Society for Young Network Scientists (SYNS)	International
2018	Women's Summer Retreat Organizer , GWISE (Graduate Women in Science and Engineering)	Cambridge, MA
PEER REV	/IEW	
2022	Manuscript Reviewer, International Journal of Environmental Research and Public Health	
2021	Manuscript Reviewer, Nature Human Behavior	
2021	Manuscript Reviewer, Journal of Theoretical Biology	
2021	Manuscript Reviewer, Bulletin of Mathematical Biology	
2020	Manuscript Reviewer, Royal Society Open Science	
2020-2021	Manuscript Reviewer, Nature Communications	
2020	Manuscript Reviewer, Communications Physics	
2019-2021	Manuscript Reviewer, PLOS Computational Biology	
2019	Manuscript Reviewer, Chaos AIP	
2017 2021	Maria de Calabra de la computación de la computa	

2017-2021 Manuscript Reviewer, PLOS ONE

DEPARTMENTAL SERVICE

2018	Senior Grad Panel, Graduate School & Research, Dept. of Physics, Northeastern University	Boston, MA
2017	Panel member, Diversity and Inclusion Town Hall, College of Science, Northeastern University	Boston, MA
2017	Professional Development Workshop Organizer, Dept. of Physics, Northeastern University	Boston, MA
2016-2018	Graduate Student Union Dept. Leader , Dept. of Physics, Northeastern University	Boston, MA
2014-2016	Physics Graduate Student Representative, Northeastern University	Boston, MA
2012	Transit of Venus Outreach Science Volunteer, Dept. of Astronomy & Astrophysics	Toronto, Canada
2011-2012	Vice President of Academic Affairs, Physics & Astronomy Student Union, University of Toronto	Toronto, Canada

Teaching_____

2014	Physics Lab Instructor , U.S. Pathway Program (USPP), a summer bridge program for international students from China and Nigeria	Northeastern University
2012-2014	Physics Lab Instructor , Introductory Physics Labs (16 sections), Department of Physics	Northeastern University
2013-2014	Physics Workshop Leader, (6 sections) Department of Physics	Northeastern University
2012	Interactive Learning Sessions Teaching Assistant, Department of Physics	Northeastern University
2011	AST201H1 Teaching Assistant, Department of Astronomy & Astrophysics	University of Toronto

Advanced Schools & Workshops _____

The World Bank Online

11/15/2021 - 11/17/2021

INVITED LECTURER FOR THE ZIMBABWE COVID-19 MODELING WORKSHOP

Lectured sessions on:

- Populations and network modeling in epidemiology
- Data visualization in Python

Vermont University

Burlington, VT

Invited participant to the Workshop on Invasion in Ecological Networks 08/25/2019 - 08/31/2019

Université LavalQuebec City, CanadaPARTICIPANT IN THE 1ST COMPLEX NETWORKS WINTER WORKSHOP12/15/2018 - 12/22/2018

University of WashingtonAttended the 7th Annual Summer Institute in Statistics and Modeling in Infectious Diseases

07/05/2015 - 07/22/2015

Certificates obtained in the modules:

- Probability and Statistical Inference
- Stochastic Epidemic Models with Inference
- Simulation-based Inference for Epidemiological Dynamics
- MCMC I & II for Infectious Diseases

Awards & Honors _____

2015	Summer Institute in Statistics and Modeling in Infectious Diseases Scholarship, 7th Annual Summer Institute	University of Washington
2012-2014	Graduate Teaching Assistantship Award , Department of Physics	Northeastern University
2012	Anna & Alex Beverly Memorial Fellowship, for future graduate studies	University of Toronto
2012	Marie Sklodowska-Curie Association Undergraduate Scholarship , for academic excellence in Physics	University of Toronto
2011	Undergraduate Summer Research Award , Highly competitive research assistantship award. Conducted experiments to study the nonlinear growth of stalactites. <i>Advisor: Prof. Stephen Morris</i> .	University of Toronto
2008-2012	Dean's List of Scholars, Faculty of Arts & Science	University of Toronto
2008	C. L. Burton Scholarship for Mathematics and Physics, Faculty of Arts & Science	University of Toronto
2007	Top Scholar's Scholarship, Faculty of Arts & Science	University of Toronto
2007	President's Entrance Scholarship, Faculty of Arts & Science	University of Toronto

Software__

OPEN SOURCE SOFTWARE

Lead Developer

SYNTHPOPS: PYTHON, PYPI | HTTP://SYNTHPOPS.ORG/

03/09/2020 - Present

Contributor

COVASIM: PYTHON, PYPI | HTTPS://COVASIM.ORG

03/15/2020 - Present

Skills & Expertise _____

Programming Python C++, SQL, Google BigQuery, Presto

Visualization Matplotlib, d3, Gephi, Data Studio, Photoshop, Illustrator

Software ETFX, Git, Unix/Linux, MacOS

Media Coverage _____

Research tips thousands of COVID deaths without restrictions and more vaccinations The Age

Schools could open if rest of lockdown stays, say researchers BBC News

What coronavirus modelling released by the Victorian Government says about schools and Melbourne's roadmap ABC News

Testing and tracing 'key to schools returning', scientists say BBC News

If COVID-19 doubles in the community, it doubles in schools, Seattle disease modeling group finds The Seattle Times

Mathematical models help predict the trajectory of the coronavirus outbreak. But can they be believed? The Seattle Times

Inslee issues emergency proclamation that limits large events to minimize public health risk during COVID-19. Gov. Jay Inslee, Medium

Diseases Spread Differently, Region by Region. This Mathematical Model Shows How. News@Northeastern

The Science That Spans MeToo, Memes, and Covid-19 WIRED

'Covid Near You' Crowdsources Data to Predict New Hot Spots WIRED

Projecting the spread of Zika The Atlantic, New Scientist, Homeland Security News Wire, WBUR Boston NPR's News Station

PhD Profile: Canis lupus Graduate Student Newsletter, Northeastern University